

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
19 April 2001 (19.04.2001)

PCT

(10) International Publication Number  
**WO 01/27213 A1**

(51) International Patent Classification<sup>7</sup>: C09J 123/10

(21) International Application Number: PCT/US00/27137

(22) International Filing Date: 2 October 2000 (02.10.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
99120170.8 8 October 1999 (08.10.1999) EP

(71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DYATLOV, Valery Alexandrovich [RU/RU]; Maly Levshinsky per., 12-6, Moscow, 119034 (RU). HANKE, Bernhard [DE/DE]; Breslauer Str. 12, 65307 Bad Schwalbach (DE). RIEGER, Bernhard [DE/DE]; Johann-Stockar-Weg 8, 89075 Ulm (DE). PREUSCHEN, Judith [DE/DE]; Alfred-Doeblin Str. 37, 55129 Mainz (DE). ORROTH, Mike [US/GB]; Flat 3, 122 Richmond Hill, Richmond, Surrey TW10 6RJ (GB).

(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR (utility model), KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ADHESIVES COMPRISING LINEAR, ISOTACTIC POLYMERS

(57) Abstract: The present invention relates to adhesives comprising polymeric material wherein the structure of the polymeric material contains elastic amorphous areas of nano scale-size reinforced with self arranged crystalline domains of nano-crystals.

WO 01/27213 A1